



Sustainable Water Infrastructure

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What is Sustainable Water Infrastructure?

- Strategies that allow you to construct and operate water systems more efficiently and cost effectively
- Practices that accommodate future needs of system customers

EPA's Four Pillars of Sustainable Infrastructure

- **Better Utility Management**
- Full-cost Pricing
- Water Efficiency
- Watershed-based Approaches

Better Utility Management Pillar

- Cost-effective Technology/Innovations
 - New construction
 - Operation and Maintenance of existing facilities
- Asset Management
 - Age/condition of assets
 - Plan for repair or replacement
 - CUPSS Training

Full Cost Pricing Pillar

- Recognize the full value (Operations, Maintenance, & Repair) of water services over the long term
- Implement pricing structures which recover costs and promote sound water use.

Water Efficiency Pillar

- Consumers use water wisely
 - EPA Water Sense Program
- Promote efficiency in water distribution
 - Reduce leaks
 - System layout and design
- Reduce demand on wastewater treatment



Watershed Approach Pillar

- Land use
 - Smart growth
 - Redevelopment
 - Low impact design
- Watershed based permits
- Source water protection

How Can EPA Help?

- Training, Education and Outreach
 - Check-Up Program for Small Systems (CUPSS)
- Best Practices
 - Technological, Financial, Operational
 - HQ and Regional SI Webpages

For More Information:

- Sustainable Infrastructure
www.epa.gov/waterinfrastructure
- Region 5 SI Webpage / Forum reports
www.epa.gov/region5/water/si/
- WaterSense Program
www.epa.gov/watersense